

Page 1 of 1

All amounts are calculated in domestic currency.

Purchase Order ID/ Curr Type	Line Nbr/ Insp Req	Project ID	Reference/ Description/ Cert Std	PO U/M / Stock U/M	Required Date Required Qty	Recv Date/ Recv Emp	Recv Qty (PO U/M)	Cost Per Unit/ Recv Value	Inspected Qty/ Rejected Qty (PO U/M)	MRB Qty/ MRB Reject Qty	Book Amt
VendorID\Vendor Name VC-COP001 Thyssenkrupp Materials CA Ltd											
PO35299	2		M7075T6B1.500X1.5 f 00		2/27/2017	2/27/2017	12.0400	\$18.64	0.0000	0	\$224.40
CAD	No		7075 T6 BAR 1.500 f x 1.500 ml36945		12.0400	PL0U01		\$224.40	0.0000	0	
Total Received Quantity: 12.0400											
Total Qty to Inspect (PO U/M): 0.0000											
Total Reject Quantity: 0.0000											
Total Receipt Value: \$224.40											
Total Balance Due Quantity: 0.0000											

B I L L O F L A D I N G

Ship From:
 THYSSENKRUPP MATERIALS NA
 2821 LANGSTAFF ROAD
 CONCORD, ONTARIO L4K 5C6
 Tel: 905 669 9444 Fax: 905-738-9033

No: PEC 32626
 Ship Date 27Feb17 at 12:46 From PFW
 Probill
 Via VIM DELIVERY
 FOB CONCORD
 Frt PREPAID
 Route 0- 0 Manifest
 Vhcle Trailer
 Slp STAN IVERS (905-532-1350)
 Sold To: (20115)
 DART AEROSPACE
 1270 ABERDEEN ST
 HAWKESBURY, ON K6A 1K7

Ship To: (1)
 DART AEROSPACE
 1270 ABERDEEN ST
 HAWKESBURY, ON K6A 1K7
 Tel: 613-632-9577 Fax: 613-632-1053

B I L L O F L A D I N G

1) Our Order PEC- 18170- 2 Your PO # 35299
 ALUMINUM PLATE 7075-T651
 1.50" THICK X 1.5000" X 67.2500"

MTR

Heat Number	Tag No	Quantity	PCS	Wt LBS
724526	622261	1.40 SFT	2	32

TOTAL:	Tags	PCS	LBS
	1	2	32

Heat Number
 724526

*** Chemical Analysis ***

**** ADD ON TO 18051/17992 SUR-CHARGE ADDED ****

MILL TEST REPORTS, PACKING SLIPS ARE TO SENT
 WITH MATERIAL AND FAXED TO THE CUSTOMER PRIOR
 TO SHIPPING.

ATTN: CHANTAL/LINDA

** ALL PACKING SLIPS MUST HAVE THE HEAT NUMBER **
 ** REFERENCED ON IT **

TOTAL 1 PKG GW. 34 LBS

*CUSTOMER PICK-UP HRS AT THYSSENKRUPP MATERIALS NA
 CONCORD, ONT.* *** 9:00 AM TO 4:00 PM ***

**** TEL. 800-926-2600 ****

* WE STOCK STAINLESS STEEL *

Sp17-0227

Page: 1Continued

ALUMINIUM • LAITON • CUIVRE • PLASTIQUE • ACIER INOX
 ALUMINUM • BRASS • COPPER • PLASTICS • STAINLESS

TOUTES ERREURS ET/OU MARCHANDISES MANQUANTES DOIVENT ÊTRE
 RAPPORTÉES IMMÉDIATEMENT.

ERRORS OR SHORTAGE MUST BE REPORTED IMMEDIATELY

RETOUR DE MARCHANDISES AVEC NOTRE NUMERO D'APPROBATION SEULEMENT.
 MERCHANDISE MAY NOT BE RETURNED WITHOUT OUR APPROVAL NUMBER.

SHIP FROM:
THYSSENKRUPP MATERIALS NA
2821 LANGSTAFF ROAD
CONCORD, ONTARIO L4K 5C6
Tel: 905 669 9444 Fax: 905-738-9033

SHIP TO: (1)
DART AEROSPACE

B I L L O F L A D I N G
No: PEC 32626
Ship Date 27Feb17 at 12:46 From PFW
Probill
Via VIM DELIVERY
FOB CONCORD
Frt PREPAID
Route 0- 0 Manifest
Vhcle Trailer
Slp STAN IVERS (905-532-1350)
Sold To: (20115)
DART AEROSPACE

B I L L O F L A D I N G

* PLEASE LET US QUOTE YOUR NEXT REQUIREMENT *

***PLEASE NOTE A \$25.00 ENERGY SURCHARGE WILL BE
ADDED TO EVERY ORDER.***

***UNE SURCHARGE D'ENERGIE DE \$25.00
SERA AJOUTEE A CHAQUE COMMANDE.***
***POUR VOS BESOINS D'ACIER INOXYDABLE,
CONTACTEZ-NOUS. NOUS L'AVONS! TEL. 800-926-2600

Page: 2 Last

ALUMINIUM • LAITON • CUIVRE • PLASTIQUE • ACIER INOX
ALUMINUM • BRASS • COPPER • PLASTICS • STAINLESS

TOUTES ERREURS ET/OU MARCHANDISES MANQUANTES DOIVENT ÊTRE
RAPPORTÉES IMMÉDIATEMENT.

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RETOUR DE MARCHANDISES AVEC NOTRE NUMERO D'APPROBATION SEULEMENT.
MERCHANDISE MAY NOT BE RETURNED WITHOUT OUR APPROVAL NUMBER.

THYSSENKRUPP MATERIALS NA

DART AEROSPACE

ALUMINUM PLATE 7075-T651
1.50" THICK X 1.5000" X 67.2500"
PART NO.

PO/Rel 35299

We certify that this is a true copy of the report
furnished by the producer of the metal, or data
resulting from tests made in approved labs.

Certificate of Mill Test Results

BL PEC-032626-001

23Feb17

Signed by:

Pg 1/1



INSPECTION CERTIFICATE № 16.32703

EN 10204 - 3.1

Consigner: KAMENSK URALSKY METALLURGICAL WORKS 5, Zavodskaya Str., Kamensk Ural'sky, Sverdlovsk Region, 623405, Russia Tel: (3439) 39 64 17 Fax: (3439) 39 57 11				JOINT STOCK COMPANY							
Consignee: A.S. Mill Products, Inc.				Quantity, pcs: 1							
Contract No.: N16806-S				Net Weight, kg.: 490							
P.O. No.: CH-1 SEPT				S.O. No.: N16806							
Article No.:				Lot No.: 1							
Package No.: 612117											
Description of Goods: Plates				Requirements on the Product:							
Grade of Product: Dimensions, inch/mm				Material conforms to quality of alloy: 7075 T651							
1.5"X48.5"X144.5" 38.100X1231.8X3670.3				Product conforms to all requirements of: ASTM B209-14; SAE AMS-QQ-A-250/12 Rev. A (2013); SAE AMS 4045 Rev. K (2010). This product conforms to European Union RoHS Directive 2011/65/EU							
Mechanical Properties											
The Condition of Tested Standards	Lot No.	Cast No.	Quantity sample	Tensile Strength		Yield Strength (0.2% offset)		Elongation, %		Hardness, HB	
				ksi	min	max	ksi	min	max		min
Retained	724526	12-4813	2	77.0	82.1	82.4	67.0	73.8	74.4	8.0	11.6
Chemical Composition, %											
Element	Silicon Si	Iron Fe	Copper Cu	Manganese Mn	Magnesium Mg	Chromium Cr	Nickel Ni	Zinc Zn	Titanium Ti	Zirconium Zr	
Required	0.4	0.5	1.2-2.0	0.3	2.1-2.9	0.18-0.28	-	0.1-0.1	0.2	-	
Contents	0.04	0.16	1.2	0.03	2.3	0.18	-	5.8	0.05	-	
Element	Tin Sn	Antimony Sb	Platinum Pt	Bismuth Bi	Lead Pb	Aluminum Al	Carbon C	Other Elements		Al	
Required	-	-	-	-	-	-	-	Each	Total		
Contents	-	-	-	-	-	-	-	0.05	0.15	remainder	
Other Tests											
Method	Macro- structure	Micro- structure	UT	Electro- conductivity	SGF	Contents H2 of metal on 31500g	Mercury - Free "Russia is country of melt and manufacture"				
Result	-	OK	-	-	-	0.22					

On behalf:

GAO KUMZ

Date:

08.10.16

Inspector:

K.V. Zyrinova

Inspection:

N.V. Alekhina



DAS
14
9-89

17/03/05

Form № QADK3-001, Revision 02

MATERIAL RECEIPT INSPECTION FORM

MATERIAL 7075 T6 B1.500X1.500

PO / BATCH NO 35299/136945

DATE 17/03/05

MATERIAL CERT REC'D yes
 QUANTITY RECEIVED 11'
 QUANTITY INSPECTED 11'
 QUANTITY REJECTED _____

THICKNESS ORDERED 1.500
 THICKNESS RECEIVED 1.500
 SHEET SIZE ORDERED _____
 SHEET SIZE RECEIVED _____

DESCRIPTION	NCR (Check Y/N)	COMMENTS
SURFACE DAMAGE	Y <input checked="" type="checkbox"/>	
CORRECT FINISH	<input checked="" type="checkbox"/> N	
CORROSION	Y <input checked="" type="checkbox"/>	
CORRECT GRAIN DIRECTION	<input checked="" type="checkbox"/> N	
CORRECT MATERIAL	<input checked="" type="checkbox"/> N	7075 T6
CORRECT THICKNESS	<input checked="" type="checkbox"/> N	1.500
PHOTO REQUIRED	Y <input checked="" type="checkbox"/>	
CORRECT MATERIAL	<input checked="" type="checkbox"/> N	A45-QA-A-250/12
CORRECT REF # TO LINK CERT	<input checked="" type="checkbox"/> N	HEAT# 724526
CORRECT MATERIAL IDENTIFICATION	<input checked="" type="checkbox"/> N	7075 T6 B1.500X1.500
CORRECT M# ON THE MATERIAL	<input checked="" type="checkbox"/> N	M136945
DOES THIS MATERIAL REQUIRE ENGINEERING SIGN OFF	Y <input checked="" type="checkbox"/>	
DOES THIS REQUIRE AN EXTRUSION REPORT	Y <input checked="" type="checkbox"/>	

CUT SAMPLE PIECE OF MATERIAL AND PREFORM A HARDNESS CHECK. RECORD RESULTS BELOW				
TYPE OF MATERIAL	HRC	HRB	DUR A	DUR D
SIZE OF TEST SAMPLE				
HARDNESS / DUROMETER READING				

testers located in the Quality Office

QC 18 INSPECTION		ENGINEERING SIGNOFF (if required)	
INSPECTED BY: <u>DAS</u>	SIGNED OFF BY: _____		
DATE: <u>17/03/05</u>	DATE: _____		

Attach this inspection sheet with the corresponding material cert and remit to be scanned and received in



Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
Tel: 613 632 9577
Fax: 613 632 1053

PURCHASE ORDER

Purchase Order ID PO35299

Purchase Order Date 2/13/2017

PO Print Date 2/13/2017

Page Number 1 of 5

Order From :

VC-COP001

THYSSENKRUPP MATERIALS CA LTD
O/A VPK METAL- C/O T27540/PO BOX 4275,POSTAL"A"
TORONTO, ON M5W 5V8
CA

Ship To : DART AEROSPACE LTD
1270 ABERDEEN
HAWKESBURY, ON K6A 1K7
CANADA

FEB 16 2017

Contact Name

Vendor Phone

905 669 9444

Ship To Contact

Ship To Phone

Ship Via:

Ship Acct:

VENDOR'S TRUCK

Buyer

Customer POID

Customer Tax #

Terms

Currency

FOB

Chantal Lavoie

10127-2607

Net 30

CAD

FCA - (Free Carrier)

Line Nbr	Reference Vendor Part Number	Description/ Mfg ID	Req Date/ Taxable	CD	Req Qty/ Unit of Measure	PO Unit Price	Extended Price
	Line Comments		Promise Date				
	Delivery Comments						
1	M6061T6B1.000X16.000	6061-T6 Bar 1.00 x 16.00	2/27/2017 Yes 2/27/2017		24.00 f	\$53.50	\$1,284.00
MATERIAL: 6061-T6/T6510/T6511/T62 ALUMINUM BAR AS PER QQ-A-225/8 OR AMS-QQ-A-225/8 OR AMS 4117/4128/4115/4116 OR QQ-A-200/8 OR AMS-QQ-A-200/8 OR AMS 4160 OR ASTM B211 OR ASTM B221							
SP17-02-22							
Line Total:							\$1,284.00
2	M7075T6B1.500X1.500	7075 T6 BAR 1.500 x 1.500	2/21/2017 Yes 2/21/2017		12.04 f	\$24.25	\$292.00
MATERIAL: 7075-T6 OR T651/T6510/T6511/T62 ALUMINUM BAR AS PER AMS-QQ-A-225/9 OR AMS 4122/4123/4186/4187 OR PER AMS-QQ-A-200/11 OR QQ-A-250/12 CUT FROM PLATE							
SP17-02-27							
Line Total:							\$292.00

PO Instructions: PEC ST-17091, PEC ST-16560

Note:

2/13/2017



Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
Tel: 613 632 9577
Fax: 613 632 1053

PURCHASE ORDER

Purchase Order ID **PO35299**

Purchase Order Date 2/13/2017

PO Print Date 2/13/2017

Page Number 2 of 5

Order From :

VC-COP001

THYSSENKRUPP MATERIALS CA LTD
O/A VPK METAL- C/O T27540/PO BOX 4275,POSTAL"A"
TORONTO, ON M5W 5V8
CA

Ship To : DART AEROSPACE LTD
1270 ABERDEEN
HAWKESBURY, ON K6A 1K7
CANADA

Contact Name

Vendor Phone

905 669 9444

Ship To Contact

Ship To Phone

Ship Via:

VENDOR'S TRUCK

Ship Acct:

Buyer

Chantal Lavoie

Customer POID

Customer Tax #

10127-2607

Terms

Net 30

Currency

CAD

FOB

FCA - (Free Carrier)

3 M7075T6B6.000X1.000 ✓ 7075-T6 BAR 6.000" X 1.000" ✓ 2/21/2017
Yes
2/21/2017

8.92 ✓

\$39.81

\$355.00

MATERIAL: 7075-T6 OR T651/T6510/T6511/T62 ALUMINUM BAR
AS PER AMS-QQ-A-225/9 OR AMS 4122/4123/4186/4187 OR
PER AMS-QQ-A-200/11 OR QQ-A-250/12 CUT FROM PLATE

Line Total:

\$355.00

4 M7075T6B7.000X2.000 ✓ 7075-T6 BAR 7.000" X 2.000" (order in billets - 13.375") ✓ 2/21/2017
Yes
2/21/2017

13.38 ✓

\$85.23

\$1,140.00

MATERIAL: 7075-T6 OR T651/T6510/T6511/T62 ALUMINUM BAR
AS PER AMS-QQ-A-225/9 OR AMS 4122/4123/4186/4187 OR
PER AMS-QQ-A-200/11 OR QQ-A-250/12 CUT FROM PLATE

NOTE: CUT 12 PCS AT 13.375", GRAIN DIRECTION ALONG 13.375"

Line Total:

\$1,140.00

PO Instructions: PEC ST-17091, PEC ST-16560

Note:

2/13/2017



Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
Tel: 613 632 9577
Fax: 613 632 1053

PURCHASE ORDER

Purchase Order ID PO35299

Purchase Order Date 2/13/2017

PO Print Date 2/13/2017

Page Number 3 of 5

Order From :

VC-COP001

THYSSENKRUPP MATERIALS CA LTD
O/A VPK METAL- C/O T27540/PO BOX 4275,POSTAL"A"
TORONTO, ON M5W 5V8
CA

Ship To : DART AEROSPACE LTD
1270 ABERDEEN
HAWKESBURY, ON K6A 1K7
CANADA

Contact Name

Vendor Phone 905 669 9444

Ship To Contact

Ship To Phone

Ship Via:

Ship Acct:

VENDOR'S TRUCK

Buyer

Customer POID

Customer Tax #

Terms

Currency

FOB

Chantal Lavoie

10127-2607

Net 30

CAD

FCA - (Free Carrier)

7	M6061T6B0.500X05.000	6061-T6 Bar .500 x 5.00	2/17/2017 Yes 2/17/2017	12.00 f	\$9.00	\$108.00
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MATERIAL: 6061-T6/T6510/T6511/T62 ALUMINUM BAR
AS PER QQ-A-225/8 OR AMS-QQ-A-225/8 OR AMS 4117/4128/4115/4116
OR QQ-A-200/8 OR AMS-QQ-A-200/8 OR AMS 4160 OR ASTM B211 OR
ASTM B221

Line Total: \$108.00

8	M6061T6B0.750X00.750	6061-T6 Bar .750 x .750	2/21/2017 Yes 2/21/2017	12.00 f	\$4.58	\$55.00
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MATERIAL: 6061-T6/T6510/T6511/T62 ALUMINUM BAR
AS PER QQ-A-225/8 OR AMS-QQ-A-225/8 OR AMS 4117/4128/4115/4116
OR QQ-A-200/8 OR AMS-QQ-A-200/8 OR AMS 4160 OR ASTM B211 OR
ASTM B221

Line Total: \$55.00

9	M6061T6B1.000X02.000	6061-T6 Bar 1.00 x 2.00	2/17/2017 Yes 2/17/2017	12.00 f	\$7.50	\$90.00
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MATERIAL: 6061-T6/T6510/T6511/T62 ALUMINUM BAR
AS PER QQ-A-225/8 OR AMS-QQ-A-225/8 OR AMS 4117/4128/4115/4116
OR QQ-A-200/8 OR AMS-QQ-A-200/8 OR AMS 4160 OR ASTM B211 OR
ASTM B221

PO Instructions: PEC ST-17091, PEC ST-16560

Note:

2/13/2017

SP17-02-17



Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
Tel: 613 632 9577
Fax: 613 632 1053

PURCHASE ORDER

Purchase Order ID PO35299

Purchase Order Date 2/13/2017

PO Print Date 2/13/2017

Page Number 4 of 5

Order From :

VC-COP001

THYSSENKRUPP MATERIALS CA LTD
O/A VPK METAL- C/O T27540/PO BOX 4275,POSTAL "A"
TORONTO, ON M5W 5V8
CA

Ship To : DART AEROSPACE LTD
1270 ABERDEEN
HAWKESBURY, ON K6A 1K7
CANADA

Contact Name

Vendor Phone 905 669 9444

Ship To Contact

Ship To Phone

Ship Via: VENDOR'S TRUCK

Ship Acct:

Buyer

Chantal Lavoie

Customer POID

Customer Tax # 10127-2607

Terms

Net 30

Currency

CAD

FOB

FCA - (Free Carrier)

		Line Total:	\$90.00
10	M6061T6B1.500X01.250	6061-T6 Bar 1.50 x 1.25	2/21/2017
		Yes	2/21/2017
		12.00	\$6.50
		f	\$78.00

MATERIAL: 6061-T6/T6510/T6511/T62 ALUMINUM BAR
AS PER QQ-A-225/8 OR AMS-QQ-A-225/8 OR AMS 4117/4128/4115/4116
OR QQ-A-200/8 OR AMS-QQ-A-200/8 OR AMS 4160 OR ASTM B211 OR
ASTM B221

		Line Total:	\$78.00
11	71401-45	procurement quality clauses	2/21/2017
		No	2/21/2017
		1.00	\$0.00
			\$0.00

Procurement Quality Clauses
A005 right of entry
A012 chemical and physical test report
A016 personnel qualification
A017 raw material identification (as applicable)
A026 certification of material conformance
A041 quality management system
A042 dart notification by supplier
A043 retention of quality documents

SP17-02-17

Line Total: \$0.00

PO Instructions: PEC ST-17091, PEC ST-16560

Note:

2/13/2017



Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
Tel: 613 632 9577
Fax: 613 632 1053

PURCHASE ORDER

Purchase Order ID **PO35299**

Purchase Order Date 2/13/2017

PO Print Date 2/13/2017

Page Number 5 of 5

Order From :

VC-COP001

THYSSENKRUPP MATERIALS CA LTD
O/A VPK METAL- C/O T27540/PO BOX 4275,POSTAL "A"
TORONTO, ON M5W 5V8
CA

Ship To : DART AEROSPACE LTD
1270 ABERDEEN
HAWKESBURY, ON K6A 1K7
CANADA

Contact Name

Vendor Phone

905 669 9444

Ship To Contact

Ship To Phone

Ship Via:

Ship Acct:

VENDOR'S TRUCK

Buyer

Customer POID

Customer Tax #

Terms

Currency

FOB

Chantal Lavoie

10127-2607

Net 30

CAD

FCA - (Free Carrier)

PO Total:

\$3,402.00

PO Instructions: PEC ST-17091, PEC ST-16560

Note: Terms & Condition of Purchasing(Suppliers) and Procurement Quality Clauses are an integral part of our AS9100 requirements. To learn in detail, please visit www.dartaerospace.com for further explanation.

Change Nbr:

2

Change Date: 2/13/2017